

CLAIMS

What is claimed is:

1. An image processing apparatus comprising:
first display means for displaying one or more images of a plurality of images;
classification means for putting each image displayed through the first display means into any one of a plurality of categories;
designation means for designating one or more categories among the categories;
second display means for displaying one or more images each of which belongs to any of the one or more categories designated by the designation means; and
selective designation means for selecting and designating an image from among the images displayed through the second display means.
2. The apparatus according to Claim 1, wherein the first display means includes any one of browse display means for displaying a plurality of reduced images in an array, view display means for displaying one single image, and virtual-light-box display means for displaying two or more images to compare the images.
3. The apparatus according to Claim 1, wherein the second display means includes any one of browse display means for displaying a plurality of reduced images in an array, view display means for displaying one single image, and virtual-light-box display means for displaying two or more images to compare the images.
4. The apparatus according to Claim 1, further comprising:
storage control means for grouping one or more images selected and designated through the selective designation means and storing the grouped images into the same area in a recording medium.
5. The apparatus according to Claim 1, wherein the selective designation means comprises further means for selecting and designating an image from among

the images displayed through the first display means.

6. An image processing program comprising:

a first display procedure for displaying one or more images of a plurality of images;

a classification procedure for putting each image, displayed in the first display procedure, into any one of a plurality of categories;

a designation procedure for designating one or more categories from among the categories;

a second display procedure for displaying one or more images each of which belongs to any of the one or more categories designated in the designation procedure; and

a selective determination procedure for selecting and designating an image from among the images displayed in the second display procedure.

7. A recording medium used for computer-readably recording an image processing program, the image processing program comprising:

a first display procedure for displaying one or more images of a plurality of images;

a classification procedure for putting each image, displayed in the first display procedure, into any one of a plurality of categories;

a designation procedure for designating one or more categories from among the categories;

a second display procedure for displaying one or more images each of which belongs to any of the one or more categories designated in the designation procedure; and

a selective designation procedure for selecting and designating an image from among the images displayed in the second display procedure.

8. An image processing method comprising:

a first display procedure for displaying one or more images of a plurality of images;

a classification procedure for putting each image, displayed in the first display procedure, into any one of a plurality of categories;

a designation procedure for designating one or more categories from among the categories;

a second display procedure for displaying one or more images each of which belongs to any of the one or more categories designated in the designation procedure; and

a selective designation procedure for selecting and designating an image from among the images displayed in the second display procedure.

9. An image processing apparatus comprising:

display means for displaying first, second, and third display areas in a common screen, the first display area being used to display a plurality of reduced images arranged in a predetermined first order, the second display area including two or more image display spaces arranged in a predetermined second order, one of the image display spaces being movably set as a target image display space, the second display area being used to compare a plurality of images, the third display area being used to store an image selected from the images displayed in the second display area and display the selected image as a reduced image;

selection means for selecting one reduced image from among the reduced images displayed in the first display area;

display control means for controlling the display means to display an image, corresponding to the reduced image selected through the selection means, in the target image display space in the second display area;

display holding means for releasably holding a display state of the image displayed in the target image display space in the second display area;

target image-space shifting means for automatically moving the target image display space by one in accordance with the second order when the display holding means holds the image; and

selective designation means for selecting and designating the image displayed in the second display area to store the image into the third display area.

10. The apparatus according to Claim 9, further comprising:

collective-display set means for setting a collective display, wherein

while the collective display is set through the collective-display set means, when one reduced image is selected through the selection means, the display control means displays an image corresponding to the selected reduced image in the target image display space in the second display area, and also displays, in accordance with the second order, respective images corresponding to other reduced images that follow the reduced image selected in accordance with the first order, in the predetermined number of image display spaces excluding the image display space where the image is held by the display holding means.

11. The apparatus according to Claim 9, wherein the selection means includes means for selecting any one of the reduced images arranged and displayed in the first display area with a single-click.

12. The apparatus according to Claim 9, wherein the selection means includes means for moving any one of the reduced images arranged and displayed in the first display area to any of the image display space in the second display area with drag-and-drop.

13. The apparatus according to Claim 9, wherein the selection means includes an image add button and one reduced image is selected from among the reduced images displayed in the first display area using the image add button.

14. An image processing program comprising:

a display procedure for displaying first, second, and third display areas in the same screen, the first display area being used to display a plurality of reduced images arranged in a predetermined first order, the second display area including two or more predetermined number of image display spaces arranged in a predetermined second order, one of the image display spaces being movably set as a target image display space, the second display area being used to compare a plurality of images, the third display area being used to store an image selected from the images displayed in the second display area and display the selected image as a reduced image;

a selection procedure for selecting one reduced image from among the reduced images displayed in the first display area;

a display control procedure for controlling an image corresponding to the reduced image selected in the selection procedure so that the image is displayed in the target image display space of the second display area in the display procedure;

a display holding procedure for releasably holding the display state of the image displayed in the target image display space in the second display area;

a target image-space shifting procedure for automatically moving the target image display space by one in accordance with the second order when the image is held in the display holding procedure; and

a selective designation procedure for selecting and designating the image displayed in the second display area to store the image into the third display area.

15. A recording medium used for computer-readably recording an image processing program, the image processing program comprising:

a display procedure for displaying first, second, and third display areas in the same screen, the first display area being used to display a plurality of reduced images arranged in a predetermined first order, the second display area including two or more predetermined number of image display spaces arranged in a predetermined second order, one of the image display spaces being movably set as a target image display

space, the second display area being used to compare a plurality of images, the third display area being used to store an image selected from the images displayed in the second display area and display the selected image as a reduced image;

a selection procedure for selecting one reduced image from among the reduced images displayed in the first display area;

a display control procedure for controlling an image corresponding to the reduced image selected in the selection procedure so that the image is displayed in the target image display space of the second display area in the display procedure;

a display holding procedure for releasably holding the display state of the image displayed in the target image display space in the second display area;

a target-image-space moving procedure for automatically moving the target image display space by one in accordance with the second order when the image is held in the display holding procedure; and

a selective designation procedure for selecting and designating the image displayed in the second display area to store the image into the third display area.

16. An image processing method comprising:

a display procedure for displaying first, second, and third display areas in the same screen, the first display area being used to display a plurality of reduced images arranged in a predetermined first order, the second display area including two or more predetermined number of image display spaces arranged in a predetermined second order, one of the image display spaces being movably set as a target image display space, the second display area being used to compare a plurality of images, the third display area being used to store an image selected from the images displayed in the second display area and display the selected image as a reduced image;

a selection procedure for selecting one reduced image from among the reduced images displayed in the first display area;

a display control procedure for controlling an image corresponding to the reduced image selected in the selection procedure so that the image is displayed in the target

image display space of the second display area;

a display holding procedure for releasably holding the display state of the image displayed in the target image display space in the second display area;

a target-image-space moving procedure for automatically moving the target image display space by one in accordance with the second order when the image is held in the display holding procedure; and

a selective designation procedure for selecting and designating the image displayed in the second display area to store the image into the third display area.

17. An image processing apparatus comprising:

display control means for controlling a plurality of different images such that the images are displayed in respective same-sized image display areas on a common screen;

comparison-image-size adjusting means for enlarging or reducing the display size of at least one of the images such that subjects included in the respective images displayed in the image display areas are displayed in substantially the same size on the screen, the subjects indicating the same subject;

image processing means for performing image processing on any one or more images of the images displayed in the image display areas; and

interlocking means for allowing the image processing means to perform image processing on all of the images displayed in the image display areas such that the images are operatively interlocked with each other.

18. The apparatus according to Claim 17, wherein

the images are different from each other in terms of the number of pixels constituting each image, and

the comparison-image-size adjusting means enlarges or reduces the display size of each image based on information related to the number of pixels of the image.

19. The apparatus according to Claim 17, wherein the images are different from each other in terms of the orientation of each image, and

the comparison-image-size adjusting means enlarges or reduces the display size of each image based on information related to the orientation of the image.

20. The apparatus according to Claim 17, wherein the images are different from each other in terms of the zoom magnification of a photographing optical system upon capturing each image by shooting, and

the comparison-image-size adjusting means enlarges or reduces the display size of each image based on information related to the zoom magnification of the photographing optical system upon capturing the image by shooting.

21. The apparatus according to Claim 17, wherein the image processing means includes display scaling changing means for zooming in or zooming out a displayed image within the corresponding image display area.

22. The apparatus according to Claim 17, wherein the image processing means includes display image moving means for moving a displayed image within the corresponding image display area.

23. An image processing program comprising:
a display control procedure for controlling a plurality of different images such that the images are displayed in respective same-sized image display areas on a common screen;

a comparison-image-size adjusting procedure for enlarging or reducing the display size of at least one of the images such that subjects included in the respective images displayed in the image display areas are displayed in substantially the same size on the screen, the subjects indicating the same subject;

an image processing procedure for performing image processing on any one or more images of the images displayed in the image display areas; and

an interlocking procedure for performing the image processing in the image processing procedure to all of the images displayed in the image display areas such that the images are operatively interlocked with each other.

24. A recording medium used for computer-readably recording an image processing program, the image processing program comprising:

a display control procedure for controlling a plurality of different images such that the images are displayed in respective same-sized image display areas on a common screen;

a comparison-image-size adjusting procedure for enlarging or reducing the display size of at least one of the images such that subjects included in the respective images displayed in the image display areas are displayed in substantially the same size on the screen, the subjects indicating the same subject;

an image processing procedure for performing image processing on any one or more images of the images displayed in the image display areas; and

an interlocking procedure for performing the image processing in the image processing procedure to all of the images displayed in the image display areas such that the images are operatively interlocked with each other.

25. An image processing method comprising:

a display control procedure for controlling a plurality of different images such that the images are displayed in respective same-sized image display areas on a common screen;

a comparison-image-size adjusting procedure for enlarging or reducing the display size of at least one of the images such that subjects included in the respective images displayed in the image display areas are displayed in substantially the same size on the screen, the subjects indicating the same subject;

an image processing procedure for performing image processing on any one or more images of the images displayed in the image display areas; and

an interlocking procedure for performing the image processing in the image processing procedure to all of the images displayed in the image display areas such that the images are operatively interlocked with each other.